PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Chiharu KOSHIO et al

Art Unit: Unassigned

Application No.: R.53(b) Divisional Appln. of 09/466,841

Examiner: Unassigned

Filed: February 19, 2002

Atty. Dkt. No.: 107156-00092

For: PLASMA DISPLAY PANEL

PRELIMINARY AMENDMENT

Commissioner for Patents
Washington, D.C. 20231

February 27, 2002

Sir:

Please enter the following amendments for further consideration and examination.

IN THE CLAIMS:

Please cancel claims 1-28 without prejudice or disclaimer.

Please amend claim 29 as follows:

29. (Amended) A plasma display panel comprising:

a front substrate;

a plurality of row electrode pairs provided on an inner surface of the front substrate, said row electrode pairs being arranged in parallel with one another and extending in the row direction of the panel, with each row electrode pair forming a displaying line;

a dielectric layer provided on the inner surface of the front substrate for covering the row electrode pairs;

a rear substrate arranged in parallel with and spaced-apart from the front substrate, forming a discharge space therebetween;

a plurality of column electrodes provided on the inner surface of the rear substrate, said column electrodes being arranged in parallel with one another and extending in the column direction of the panel, in a manner such that at each intersection of a row electrode pair with a column electrode there is formed a light emission unit;

a partition wall assembly provided between the front substrate and the rear substrate, said partition wall assembly including a plurality of longitudinal partition walls and a plurality of lateral partition walls, thereby forming an arrangement that resembles a lattice configuration and dividing the discharge space into a plurality of discharge cells;

wherein each of two row electrodes of one row electrode pair has a plurality of protruding portions, thereby forming a plurality of discharge gaps between mutually facing protruding portions of the two row electrodes.

Please enter the following newly submitted claims:

--30. (New) The plasma display panel according to claim 29, wherein a mutual position relationship between first and second row electrodes of one of said row electrode pair is alternatively changed from one displaying line to another.

31. (New) The plasma display panel according to claim 29, wherein there are formed a plurality of lateral light absorbing straps on the inner surface of the front substrate, with each lateral light absorbing strap being positioned between two mutually adjacent row electrodes of every two mutually adjacent displaying lines.

with each lateral light absorbing strap being positioned between two mutually adjacent row electrodes of every two mutually adjacent displaying lines.

32. (New) The plasma display panel according to claim 29, wherein the protruding portions are formed by transparent electrode, each electrode main body is formed by bus electrode and is arranged to be opposed to the lateral partition walls.

33. (New) The plasma display panel according to claim 29, wherein a fluorescent layer is formed to cover side faces of the longitudinal partition walls and the lateral partition walls facing the discharge space divided by the partition wall assembly, and to cover an inner surface of the rear substrate on which a plurality of column electrodes are formed.--

A marked-up copy of the amended claim showing the changes made above is submitted herewith.

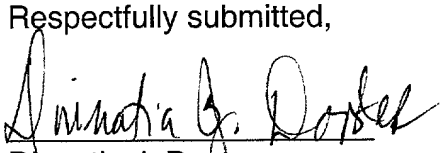
REMARKS

Claims 29-33 are pending in this application. Original claims 1-28 have been canceled. This application is a divisional application of application serial number 09/466,841, which was subject to an election of species requirement. The claims elected in the '841 application were directed to Species I, Figs. 1-5 and claims 1-6, 23 and 28. The claims of this application are directed to the non-elected claims of the '841 application. By this Amendment, claims 29 has been amended and new claims 30-33 are submitted for further consideration and examination. No new matter has been added.

It is respectfully submitted that this application is in condition for allowance. Notice to that effect is respectfully requested. In the event that the Examiner believes that a telephone conference would expedite the allowance of the application, the Examiner is invited to telephone the undersigned with any suggestions leading to the allowance of the application.

In the event this paper is not considered to be timely filed, Applicant respectfully petitions for an appropriate extension of time. The Commissioner is authorized to charge payment for any additional fees which may be required with respect to this paper to Counsel's Deposit Account 01-2300.

Respectfully submitted,



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MARKED-UP COPY OF AMENDED CLAIMS

29. (Amended) A plasma display panel comprising:

a front substrate;

a plurality of row electrode pairs provided on an [the] inner surface of the front substrate, said row electrode pairs being arranged in parallel with one another and extending in the row direction of the panel, with each row electrode pair forming a displaying line;

a dielectric layer provided on the inner surface of the front substrate for covering the row electrode pairs;

a rear substrate arranged in parallel with and [space-apart] spaced-apart from the front substrate, forming a discharge space therebetween;

a plurality of column electrodes provided on the inner surface of the rear substrate, said column electrodes being arranged in parallel with one another and extending in the column direction of the panel, in a manner such that at each intersection of a row electrode pair with a column electrode there is formed a light emission unit;

a partition wall assembly provided between the front substrate and the rear substrate, said partition wall assembly including a plurality of longitudinal partition walls and a plurality of lateral partition walls, thereby forming an arrangement that resembles a lattice configuration and dividing the discharge space into a plurality of discharge cells;

wherein each of two row electrodes of one row electrode pair has a plurality of protruding portions, thereby forming a plurality of discharge gaps between mutually facing protruding portions of the two row electrodes[;].

[wherein a mutual positional relationship between first and second row electrodes of one row electrode pair is alternatively changed from one displaying line to another;

wherein one common electrode main body portion is shared by two mutually adjacent row electrodes of two mutually adjacent displaying lines.]